

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-15 (canceled)

16. (Currently amended) A method of analyzing blood in a reverse test, comprising:

- (a) admixing a sample of blood with first reagent red blood cells bearing A antigen and with second reagent red blood cells bearing B antigen wherein such admixing is performed in a single column;
- (b) allowing the admixture to agglutinate;
- (c) subjecting the admixture in the single column to visual or automated computerized imaging analysis; and
- (d) analyzing the visual or automated computerized imaging analysis to determine ABO reverse type.

Claims 17-19 (canceled)

20. (Currently amended) The method of claim 16 wherein one [[group]] of said first or second reagent red blood cells of step (a) are distinguishably stained.

Claim 21 (canceled)

22. (original) The method of claim 29 wherein the column agglutination technology is a column agglutination test reaction and separation vessel in cassette form.

23. (original) The method of Claim 22 wherein an automated computerized imaging system is employed to interpret an agglutination result.

Claims 24-28 (canceled)

29. (Previously presented) The method of claim 20 wherein the single column subjected to visual or automated computerized imaging analysis is selected from the group consisting of tube and column agglutination technology.

30. (Canceled)

31. (Currently amended) A method of simultaneous ABO antibody testing of a blood sample using two cell populations, comprising:

- (a) admixing a sample of blood with a first group of reagent red blood cells bearing a first antigen and a second group of reagent red blood cells bearing a second antigen, wherein such admixing is performed in a single column;
- (b) allowing the admixture to agglutinate;
- (c) subjecting the admixture in the single column to visual or automated computerized imaging analysis; and
- (d) analyzing the visual or automated computerized imaging analysis to determine ABO type.

32. (Previously presented) The method of claim 31 wherein one group of reagent red blood cells of step (a) are stained.

33. (Previously presented) The method of claim 32 wherein the single column subjected to visual or automated computerized imaging analysis is selected from the group consisting of tube column agglutination technology.

34. (Previously presented) The method of claim 33 wherein the column agglutination technology is a column agglutination test reaction and separation vessel in cassette form.

35. (Previously presented) The method of Claim 34 wherein an automated computerized imaging system is employed to interpret an agglutination result.

36. (Currently amended) A method of performing an antibody test on a sample of blood in a single column comprising:

- (a) admixing a sample of blood with reagent red blood cells bearing a first antigen and reagent red blood cells bearing a second antigen, wherein one of the populations of red blood cells is stained;
- (b) allowing the admixture to agglutinate;
- (c) subjecting the admixture in the single column to visual or automated computerized imaging analysis; and
- (d) detecting and identifying the antibody[[;

wherein steps (a) and (b) are performed in a single column]].

37. (Previously presented) The method of claim 36 wherein the sample of blood is serum or plasma.

38. (Canceled)

39. (Currently amended) The method of claim [[38]] 36 wherein the single column subjected to visual or automated computerized imaging analysis is selected from the group consisting of tube and column agglutination technology.

40. (Previously presented) The method of claim 39 wherein the column agglutination technology is a column agglutination test reaction and separation vessel in cassette form.

41. (Previously presented) The method of Claim 40 wherein an automated computerized imaging system is employed to interpret an agglutination result.

42. (Currently amended) A blood analysis agglutination test kit for performing an antibody test in a single column comprising:

- (a) a container having therein a first population of reagent red blood cells bearing a first antigen and a second population of reagent red blood cells bearing a second antigen, wherein one of said first or second [[the]] populations of reagent red blood cells is distinguishably stained;
- (b) reaction means for carrying out the antibody test, wherein said reaction means consists of a tube or column agglutination reaction vessel; and
- (c) instructions for performing the antibody test in a single column, in order to detect and identify an antibody which is the subject of the antibody test, wherein the single column is subjected to visual or automated computerized imaging analysis using a charged coupled device camera and a digitising board to detect and identify the antibody.

43. (Previously presented) The kit of claim 42 wherein the reagent red blood cells are selected from the group consisting of groups A1, A2, B, O, D, C, E, c, e, M, N,

S, s, P1, Lea, Leb, K, k, Jsa, Fya, Fyb, Jka, Jkb, Lua, and Lub.

44. (Canceled)

45. (Previously presented) The kit of claim 43 wherein the reaction means of carrying out the antibody test is a column agglutination test reaction vessel.

46. (Currently amended) A blood analysis agglutination test kit for performing a reverse ABO blood type in a single column comprising:

- (a) a container having therein a first population of reagent red blood cells bearing group A antigen and a second population of reagent red blood cells bearing B antigen, wherein one of the said first or second populations of reagent red blood cells is distinguishably stained;
- (b) reaction means for carrying out the reverse ABO blood type, wherein said reaction means consists of a tube or column agglutination reaction vessel; and
- (c) instructions for performing the reverse ABO blood type in a single column, wherein the single column is subjected to visual or automated computerized imaging analysis using a charged coupled device camera and a digitising board to detect and identify the antibody.

47. (Canceled)

48. (Canceled)

49. (Previously presented) The method of claim 16 wherein the sample of blood is serum or plasma.

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50. (Canceled)

51. (Previously presented) The method of claim 31  
wherein the sample of blood is serum or plasma.